

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



for the
Milwaukee, Northeastern
and Madison Marketing Areas
C. T. McCleery - Market Administrator
FEBRUARY 1965

USDA CONSUMER SERVICES STRENGTHENED

Secretary of Agriculture Orville L. Freeman announced February 8, 1965, "a significant reorganization of the consumer, marketing, regulatory and food distribution services within one Department agency."

Under the reorganization, a new agency, the Consumer and Marketing Service, is created. It will perform the present functions of the Agricultural Marketing Service plus the functions administered by the Meat Inspection Division of Agricultural Research Service and the warehouse examination functions of Agricultural Stabilization and Conservation Service.

The new Consumer and Marketing Service will be designed to give stronger emphasis to consumer services within the department.

THE PROBLEM OF ADDED WATER IN MILK

Among the many milk quality problems encountered, in the course of quality control work, is that of added water in milk. Normally, market milk contains about 87.25% water. This is water which is added by the cow herself during the process of milk secretion, and thus, is considered to be a natural constituent of milk. However, any water which finds its way into milk, other than that which the cow adds naturally, is considered by law, in all states, to be an illegal addition, and the milk is considered to be adulterated.

Advances in the field of laboratory instrumentation have led to the development of freezing point instruments which have an accuracy of 0.001°C, and which will permit the freezing point analysis of a sample of (to page 8)

— DATA IN BRIEF - FOR THE MAN IN A HURRY —

	<u>Milwaukee</u>		<u>Northeastern Wis.</u>		<u>Madison</u>	
	<u>Order No. 39</u>		<u>Order No. 45</u>		<u>Order No. 51</u>	
<u>JANUARY 1965</u>						
Class I Price & Differential	\$3.93	7.1¢	\$3.83	7.4¢	\$3.93	7.1¢
Class II Price & Differential	\$3.25	6.7¢	\$3.25	6.7¢	\$3.25	6.7¢
Producer Price & Differential	\$3.79	7.0¢	\$3.57	7.1¢	\$3.73	7.0¢
Pounds of Producer Milk	78,221,317		42,780,283		23,783,350	
Percentage in Class I	79.3%		56.2%		71.3%	
<u>FEBRUARY 1965</u>						
Class I Price & Differential	\$3.89	7.0¢	\$3.75	7.2¢	\$3.89	7.0¢

PRODUCER PRICES FOR JANUARY 1965

Milwaukee Wisconsin Marketing Area
Federal Order No. 39

Minimum prices per hundredweight to be paid on or before the 15th of each month to producers for 3.5% milk, f.o.b. plant. These prices are subject to a butterfat differential per point over and under 3.5% and to a deduction of 2 cents per hundredweight for marketing service for nonmembers. In the case of members of approved cooperatives, these prices are subject to the deductions authorized by the associations.

The prices listed below do not include any premium payments which may be paid by handlers and which may bring actual payments in excess of minimum requirements.

Name of Handler	Minimum Pay Price	B.F. Dif'l
Blochowiak Dairy	\$3.75	7.0¢
The Borden Co.	3.78	7.0
Cedarburg Dairy, Inc.	3.86	7.0
Christiansen's Dairy	3.81	7.0
Fairmont Foods Co.	3.83	7.0
Gehl Guernsey Dairy	3.72	7.0
Golden Guernsey Dairy	3.78	7.0
Harmony Dairy Products	3.79	7.0
Hawthorn-Melody Farms	3.74	7.0
Healthway Dairy, Inc.	3.85	7.0
Home Dairy	3.90	7.0
Keystone Farms	3.82	7.0
Krueger Dairy	3.87	7.1
McFarlands' Farm Dairy	3.35	6.9
Milk Producers Coop.	3.83	7.0
Mullen's Dairy	3.89	7.1
Progressive Dairy Prod.	3.73	7.0
Pure Milk Association	3.90	7.0
Roets Home Dairy	3.75	7.0
Schroeder Dairy	3.77	7.0
Sealtest Foods	3.76	7.0
Vande Kolk Dairy	3.90	7.1
Warren Dairy	3.80	7.0
Wayside Dairy	3.90	7.1
West Side Dairy, Inc.	3.82	7.0

WEIGHTED AVERAGE 7.0¢

Weighted Average of Producer
Prices for Information Purposes: \$3.79

UNIFORM PRICES AND

COMPUTATION

JANUARY 1965

Producer Milk in Class I

Producer Milk in Class II

Total Milk and Value Before Adjustments

Adjustments for Value of:

Overage Deducted from Classes I & II
Beginning Inventory Reclassification
Other Source Milk Deducted from Class I
Butterfat More or Less than 3.5 Percent
Plant Location Differentials
Half of Producer-Equalization Fund

Aggregate Value and Average Price

Reserve to Producer-Equalization Fund

Uniform Price to Producers for 3.5% Milk

* Subject to location differentials. These minimum pay

MANUFACTURING PRICES AND

Year and Month	92Score Butter Chicago	Cheddar Cheese Wis.	Spray Dry Skim	Basic Formula Price	Handler B'fat Dif'l C.I* C.II
1964	cents	cents	cents	dol.	cents
Jan.	57.97	35.25	14.32	3.16	7.0 6.7
Feb.	57.97	35.12	14.26	3.17	7.0 6.7
Mar.	57.97	34.19	14.25	3.16	7.0 6.7
Apr.	57.97	33.81	14.19	3.15	7.0 6.7
May	57.97	33.70	14.22	3.12	7.0 6.7
June	57.97	33.75	14.24	3.12	7.0 6.7
July	58.00	33.75	14.23	3.11	7.0 6.7
Aug.	59.51	34.38	14.30	3.12	7.0 6.8
Sep.	61.32	36.31	14.30	3.15	7.1 7.1
Oct.	60.47	36.75	14.29	3.24	7.4 7.0
Nov.	62.27	36.75	14.23	3.27	7.3 7.2
Dec.	59.24	36.75	14.20	3.29	7.5 6.8
1965					
Jan.	58.00	35.38	14.23	3.29	7.1 6.7
Feb.				3.25	7.0

*Exception, Order 45 is .125 x the butter price (Col. I) for the preceding month. February is 7.2¢.

OTHER PRICE DATA

OF UNIFORM PRICES

Northeastern Wisconsin Marketing Area Federal Order No. 45				Madison Wisconsin Marketing Area Federal Order No. 51			
Pounds of Milk	Average B'fat Test	Price at Test	VALUE	Pounds of Milk	Average B'fat Test	Price at Test	VALUE
24, 031, 738	3.525746	\$3.850041	\$925, 231.80	16, 959, 445	3.410860	\$3.834492	\$650, 308.56
<u>18, 748, 545</u>	<u>3.892019</u>	<u>3.512653</u>	<u>658, 571.31</u>	<u>6, 823, 905</u>	<u>4.386550</u>	<u>3.843989</u>	<u>262, 310.14</u>
42, 780, 283			\$1, 583, 803.11	23, 783, 350			\$912, 618.70
			1, 210.75				350.22
			74.20				20.31
			-				8, 656.03
			-56, 576.42				-32, 117.76
			-296.74				8, 646.33
			<u>19, 326.37</u>				<u>8, 196.60</u>
		\$3.617417	\$1, 547, 541.27			\$3.774932	\$906, 370.43
		<u>.047417</u>	<u>-20, 285.17</u>			<u>.044932</u>	<u>-10, 788.37</u>
		<u>\$3.57*</u>	\$1, 527, 256.10			<u>\$3.73*</u>	\$895, 582.06

prices do not include any premium payments which may be paid by handlers.

FEDERAL ORDER PRICES FOR WISCONSIN AREAS - NO. 39, NO. 45, NO. 51

Class I Price Differentials			Supply-Demand Adjustments			Class I Prices			Uniform Prices to Producers** and Producer Butterfat Differentials					
No.39	No.45	No. 51	No.39	No.45	No.51	No.39	No.45	No.51	Milwaukee		Northeast		Madison	
cents			cents			dollars			dol. cents		dol. cents		dol. cents	
88	74	88	-24	-24	-24	3.80	3.66	3.80	3.70	6.9	3.44	7.0	3.62	6.9
88	74	88	-24	-24	-24	3.81	3.67	3.81	3.71	6.9	3.45	7.0	3.65	6.9
68	54	68	-24	-24	-24	3.60	3.46	3.60	3.50	6.9	3.31	7.0	3.47	6.9
68	54	68	-24	-24	-24	3.59	3.45	3.59	3.50	6.9	3.30	7.0	3.44	6.9
68	54	68	-24	-24	-24	3.56	3.42	3.56	3.46	6.9	3.27	7.0	3.39	6.9
68	54	68	-24	-24	-24	3.56	3.42	3.56	3.47	6.9	3.28	7.0	3.42	6.9
88	74	88	-24	-24	-24	3.75	3.61	3.75	3.64	6.9	3.46	7.0	3.61	6.9
108	94	108	-24	-24	-24	3.96	3.82	3.96	3.82	7.0	3.62	7.1	3.78	6.9
108	94	108	-24	-24	-24	3.99	3.85	3.99	3.89	7.1	3.69	7.3	3.87	7.1
108	94	108	-24	-20	-24	4.08	3.98	4.08	3.98	7.3	3.74	7.4	3.96	7.3
108	94	108	-24	-16	-24	4.11	4.05	4.11	3.96	7.3	3.76	7.4	3.94	7.3
88	74	88	-24	-16	-24	3.93	3.87	3.93	3.81	7.3	3.63	7.4	3.77	7.3
88	74	88	-24	-20	-24	3.93	3.83	3.93	3.79	7.0	3.57	7.1	3.73	7.0
88	74	88	-24	-24	-24	3.89	3.75	3.89						

** Weighted averages are shown for Milwaukee and all markets when base and excess prices are in effect.

UTILIZATION AND CL

FEDERAL OR

— MILWAUKEE MARKET NO. 39 —

I T E M	January 1965		December 1964		January 1964	
	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat
CLASS I MILK						
Packaged Products:						
Fluid Milk	48,470	3.5	49,279	3.5	43,575	3.5
Flavored Milk	1,850	3.5	1,678	3.6	1,828	3.5
2% Skim Milk, Solids Added	4,685	2.1	4,681	2.1	3,679	2.1
" " " , Plain	1,606	2.1	1,608	2.3	1,439	2.2
Skim Milk, Solids Added	2,044	.4	2,014	.4	1,875	.4
Plain Skim	965	.7	983	.7	1,019	.7
Buttermilk	579	1.0	523	1.0	443	1.0
Flavored Milk Drink	228	.5	223	.5	190	.6
Half & Half	1,065	12.5	1,172	12.5	1,007	12.4
Light Cream	41	19.0	45	18.9	44	19.0
Whipping Cream	177	33.5	280	33.8	180	33.2
Cultured Cream	285	18.8	444	18.9	236	18.6
Subtotal	61,995	3.5	62,930	3.6	60,515	3.5
Bulk Sales to Nonhandlers	330	3.8	335	3.8	568	3.7
Unaccounted for Milk	124	6.3	140	6.9	152	9.3
Total Utilized in Class I	62,449	3.5	63,405	3.6	61,235	3.5
Nonpool Receipts*	-433	4.5	-745	4.2	-117	5.0
CLASS I - PRODUCER MILK	62,016	3.5	62,660	3.6	61,118	3.5
CLASS II MILK						
Eggnog	-		890	5.9	-	
Bakeries et al.	115	11.4	148	12.8	144	11.7
Cottage Cheese	4,209	1.0	3,990	1.0	4,096	.9
Cheese	4,794	3.7	3,906	3.7	2,702	3.8
Butter	1,464	10.1	1,661	8.7	489	18.9
Evap., Cond., & Pwd.	2,982	4.4	2,660	4.1	3,596	4.5
Ice Cream & Mixes	2,099	11.9	2,001	11.8	2,337	11.1
Livestock Feed	82		73		69	
Dumped Products	5		32		5	
Skim Equiv. Fort. Prod.	1,655		1,602		1,205	
Ending Inventory	5,992	4.0	5,003	4.0	4,709	4.0
Shrinkage	1,141	3.2	766	3.7	1,171	2.6
Total Utilized in Class II	24,538	4.2	22,732	4.3	20,523	4.3
Nonpool Receipts*	-8,333	2.9	-9,505	3.6	-8,273	3.4
CLASS II - PRODUCER MILK	16,205	4.9	13,227	4.8	12,250	4.9
TOTAL PRODUCER RECEIPTS	78,221	3.8	75,887	3.8	73,368	3.8

NOTE: Bakeries et al. includes products for candy manufacturing, aerated cream, sour cream products not labeled Grade A, and small amounts of eggnog during off-season months.

CLASSIFICATION OF MILK

ERS 39, 45, 51

— NORTHEASTERN MARKET NO. 45 —						— MADISON MARKET NO. 51 —					
January 1965		December 1964		January 1964		January 1965		December 1964		January 1964	
Thousand	%	Thousand	%	Thousand	%	Thousand	%	Thousand	%	Thousand	%
Pounds	B'fat	Pounds	B'fat	Pounds	B'fat	Pounds	B'fat	Pounds	B'fat	Pounds	B'fat
19,760	3.5	19,954	3.5	19,851	3.5	10,984	3.4	11,030	3.5	10,930	3.4
1,292	3.6	1,129	3.6	1,278	3.5	794	3.7	669	3.8	793	3.8
964	2.1	1,002	2.1	534	2.1	2,278	2.1	2,389	2.1	2,249	2.1
219	1.8	216	1.9	272	1.9	-	-	-	-	-	-
635	.4	606	.3	714	.3	720	.8	709	.8	693	.8
635	.7	662	.6	628	.6	51	.5	53	.4	65	.3
178	.9	190	1.0	205	.8	144	1.3	151	1.4	150	1.5
140	.6	115	.7	88	.9	34	.8	25	.4	2	1.0
350	12.8	398	12.9	381	12.9	349	12.6	339	12.4	311	12.3
4	22.3	6	21.3	5	22.2	8	27.0	10	27.8	7	21.9
77	35.8	118	35.7	87	34.8	45	34.9	81	34.8	53	34.1
70	19.1	127	19.1	79	19.2	47	19.0	89	19.3	45	21.8
24,324	3.5	24,523	3.6	24,122	3.5	15,454	3.4	15,545	3.6	15,298	3.5
249	3.9	270	4.0	315	4.1	2,414	3.2	3,234	3.9	1,373	4.1
75	5.1	94	5.6	113	9.2	24	11.5	100	13.0	65	6.7
24,648	3.5	24,887	3.6	24,550	3.6	17,892	3.4	18,879	3.7	16,736	3.5
-616	3.0	-648	2.9	-	-	-933	3.7	-1,541	4.9	-776	3.6
24,032	3.5	24,239	3.7	24,550	3.6	16,959	3.4	17,338	3.6	15,960	3.5
-	-	212	5.7	-	-	-	-	153	5.3	-	-
-	-	-	-	-	-	5	29.7	5	29.0	5	25.8
1,923	1.1	1,977	1.0	1,972	1.1	1,285	.9	1,258	.8	998	1.2
9,401	3.6	8,426	3.6	15,635	3.6	1,472	3.0	1,741	2.9	2,494	2.9
636	35.7	627	35.4	565	35.5	471	35.9	419	35.8	390	35.7
5,104	.2	4,979	.2	4,559	.2	2,683	-	2,418	-	1,948	-
1,264	8.5	1,159	9.5	1,245	8.4	869	9.2	605	9.1	597	9.3
91	-	89	-	62	-	83	-	78	-	73	-
12	-	41	-	14	-	6	-	6	-	-	-
426	-	514	-	452	-	478	-	483	-	460	-
2,946	3.9	2,218	4.1	2,285	3.9	1,690	3.9	1,246	4.0	1,364	4.0
421	3.6	452	4.0	579	4.1	351	2.0	326	3.7	346	2.0
22,224	3.8	20,694	3.8	27,368	3.7	9,393	4.0	8,738	3.8	8,675	3.9
-3,476	3.1	-4,097	3.5	-7,256	3.4	-2,569	3.1	-3,025	2.9	-2,252	3.4
18,748	3.9	16,597	3.9	20,112	3.8	6,824	4.4	5,713	4.4	6,423	4.1
42,780	3.7	40,836	3.7	44,662	3.7	23,783	3.7	23,051	3.8	22,383	3.7

* Includes receipts of other source milk, beginning inventory, and overage, all as allocated to classes, and adjustment for Class II interorder transfers shown as Class I.

CLASS I AND RECEIPTS BY MONTHS

POUNDS OF PRODUCER MILK IN CLASS I, ITS PERCENTAGE TO TOTAL PRODUCER MILK WITH TOTALS FOR PRODUCER MILK AND FOR OTHER SOURCE MILK BY WISCONSIN MARKETS

Year and Month	MILWAUKEE, No. 39				NORTHEASTERN, No. 45				MADISON, No. 51			
	CLASS I		From Pro-	Other Source	CLASS I		From Pro-	Other Source	CLASS I		From Pro-	Other Source
	Mil.#	%	Mil.#	Milk	Mil.#	%	Mil.#	Milk	Mil.#	%	Mil.#	Milk
1964												
Jan.	61.1	83.3	73.4	3.6	24.5	55.0	44.7	5.0	16.0	71.3	22.4	1.8
Feb.	58.0	82.3	70.6	3.4	23.2	57.4	40.4	1.2	15.7	72.5	21.6	1.7
Mar.	59.6	78.8	75.7	3.5	23.7	54.2	43.7	1.3	16.3	70.9	23.1	2.0
Apr.	59.1	81.3	72.7	3.5	23.6	55.6	42.5	1.5	15.1	68.3	22.1	1.9
May	58.0	77.5	74.8	3.6	23.2	52.2	44.4	1.5	13.9	60.9	22.9	2.2
June	54.3	77.5	70.1	3.6	21.7	52.1	41.5	1.7	13.9	67.2	20.8	2.3
July	55.0	81.7	67.2	3.9	24.2	66.3	36.4	2.3	14.6	76.0	19.1	2.7
Aug.	55.7	81.5	68.3	3.8	24.1	69.5	34.6	2.7	14.5	76.4	19.0	2.5
Sep.	58.5	86.0	68.0	4.8	24.0	71.5	33.6	2.3	16.6	82.7	20.1	2.4
Oct.	63.9	88.0	72.6	5.1	25.4	67.6	37.6	2.0	18.5	85.2	21.8	2.6
Nov.	58.5	81.8	71.5	4.0	23.2	62.3	37.2	2.0	16.7	78.7	21.2	3.2
Dec.	62.7	82.6	75.9	4.1	24.2	59.4	40.8	1.9	17.3	75.2	23.1	2.6
1965												
Jan.	62.0	79.3	78.2	3.9	24.0	56.2	42.8	1.9	17.0	71.3	23.8	2.3

FARM NUMBERS AND DELIVERIES

NUMBER OF FARMS AND AVERAGE DAILY DELIVERIES PER FARM BY WISCONSIN MARKETS

Year and Month	MILWAUKEE				NORTHEASTERN				MADISON			
	Number of Farms		Avg. Daily Per Farm		Number of Farms		Avg. Daily Per Farm		Number of Farms		Avg. Daily Per Farm	
	'64	'65	'64	'65	'64	'65	'64	'65	'64	'65	'64	'65
Jan.	2250	2249	1058	1109	1421	1304	1014	1058	642	645	1125	1189
Feb.	2236		1092		1341		1038		641		1163	
Mar.	2227		1041		1335		1055		640		1163	
Apr.	2211		1100		1334		1063		635		1158	
May	2185		1106		1333		1075		633		1167	
June	2171		1078		1319		1050		628		1102	
July	2181		993		1323		890		635		973	
Aug.	2232		1003		1326		843		639		958	
Sep.	2236		1019		1317		851		646		1035	
Oct.	2268		1053		1318		920		649		1082	
Nov.	2257		1056		1312		944		642		1103	
Dec.	2252		1090		1311		1005		645		1153	
Avg.	2226		1057		1332		979		640		1098	

COMPARATIVE STATISTICS

SELECTED DATA COMPARISONS, WISCONSIN MARKETS

	Order No. 39			Order No. 45			Order No. 51		
	January		Com- parison	January		Com- parison	January		Com- parison
	'65	'64		'65	'64		'65	'64	
Average Daily:									
Producer Milk, thous. lbs.	2523	2367	+6.6%	1380	1441	-4.2%	767	722	+6.2%
Other Receipts " "	126	115		60	161		113	98	
Gross Class I " "	2014	1975	+2.0%	795	792	+0.4%	577	540	+6.9%
Gross Class II " "	792	662	+19.6%	717	883	-18.8%	303	280	+8.2%
Deliveries per Farm, lbs.	1109	1058	+4.8%	1058	1014	+4.3%	1189	1125	+5.7%
Number of Farms	2249	2250	-1	1304	1421	-117	645	642	+3
Avg. Test of Prod. Milk, %	3.78	3.76		3.69	3.68		3.69	3.69	
Number of Handlers:									
Pool Plants	25	24	+1	60	64	-4	22	23	-1
Other Handlers	5	5	-	4	8	-4	6	9	-3
Producer Milk in Class I, %	79.3	83.3		56.2	55.0		71.3	71.3	
Shrinkage to Total Receipts:									
Product Pounds, %	1.40	1.53		1.11	1.39		1.23	1.51	
Butterfat Pounds, %	1.34	1.37		1.17	1.90		.91	1.13	

NEARBY FEDERAL ORDER DATA

TOTAL AND CLASS I PRODUCER MILK, WITH RELATED PRICES - JANUARY 1965

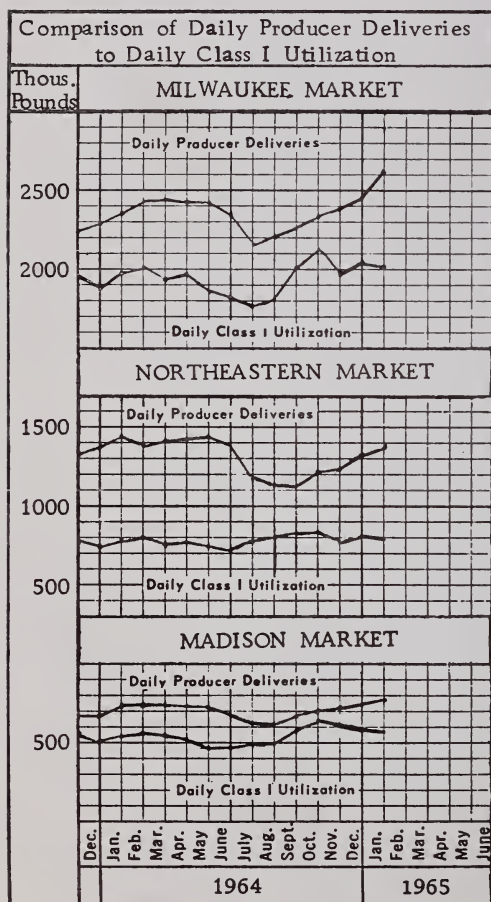
Market	Producer Milk	Class I Milk	Class I Price	Producer Price
	thous. lbs.	thous. lbs.	3.5% Milk \$ per cwt.	3.5% Milk \$ per cwt.
Chicago, No. 30	532,260	201,972	3.95	3.60
Duluth-Superior, No. 69	14,434	7,279	4.04	3.44
Madison, No. 51	23,783	16,959	3.93	3.73
Mich. Upper Peninsula, No. 44	10,168	7,286	4.04	3.90
Milwaukee, No. 39	78,221	62,016	3.93	3.79
Minneapolis-St. Paul, No. 68	101,397	62,954	3.93	3.73
Northeastern Wisconsin, No. 45	42,780	24,032	3.83	3.57
Quad Cities-Dubuque, No. 63	22,908	15,305	4.15	3.85
Rock River Valley, No. 38	11,374	9,000	3.97	3.79
Southern Michigan, No. 40	332,465	193,328	4.43	3.67

NOTE: The producer price shown for Michigan Upper Peninsula and Milwaukee is, in each case, the weighted average of minimum pay prices for pool plants, including zone or location differentials. Announced prices for basic zones are quoted in other instances. During base pay periods weighted averages are shown for base and excess prices.

WISCONSIN FEDERAL MILK ORDER BULLETIN

Published Monthly By
Federal Milk Market Administrator
4920 West Burleigh Street
Milwaukee 10, Wisconsin
for the
Milwaukee, Northeastern
and Madison Marketing Areas

This bulletin is primarily to provide producers who are not members of cooperative associations with market information in accordance with § 1039.74 of the Milwaukee Wisconsin marketing order, § 1045.75 of the Northeastern Wisconsin marketing order, and § 1051.77 of the Madison Wisconsin marketing order.



BAY STATE CASE MONEY RELEASED TO PRODUCERS

The Clerk of the United States District Court at Boston released \$4,211.61 on December 30, 1964, to the Market Administrator for the Massachusetts-Rhode Island Federal milk order. The Market Administrator was directed to distribute the money to the 96 Bay State Ice Cream Company milk producers from whom the Secretary of Agriculture ruled it had been deducted improperly. This money was being held "in escrow" by the Court pending a final decision in the case.

The main question in the Bay State controversy was whether a handler may pay less than the announced blended price when all of his producers authorize him to make a deduction from that price. The stated purpose of the disputed Bay State deduction was to assure the continued operation of a local plant to which the producers were delivering their milk.

After an administrative hearing requested by Bay State on this question the Judicial Officer of the U.S. Department of Agriculture ruled on September 29, 1964, that the 20-cent-a-hundred-weight deductions made by this handler from its producers in March, April, and May 1962 were not properly chargeable to producers even though the producers had authorized such deductions.

This ruling was not appealed by Bay State to the Federal District Court and therefore it became the final decision in the case. In accordance with the Court's instructions the Market Administrator distributed the money by drawing checks to the individual producers and mailing them to the producers with an explanatory letter.

Water in Milk, Continued from page 1

milk within a matter of minutes. Because of these instruments, it is possible for milk dealers and control agencies to make routine periodic freezing point determinations on milk. By these measures it is possible to control the amount of added water in milk by taking corrective steps wherever necessary.

It is well to bear in mind that the cryoscopic method does not detect the difference between unintentional and intentional water addition to milk. It only detects added water no matter the method by which it gets there. In addition, the law makes only the distinction that added water should not be in milk.